USS VICKSBURG (CG-69)

SEMAT II SHELL CONDITION ASSESSMENT SURVEY

INTERIOR AREAS

10/22/01 TO 11/02/01



PREPARED BY
SUPERVISOR OF SHIPBUILDING CONVERSION
AND
REPAIR
PORTSMOUTH, VIRGINIA
11/09/01



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> 28 November 2001 Serial # 1697BA 069

Q.E.D. Systems, Inc. was tasked by the Supervisor of Shipbuilding Conversion and Repair, USN (SPORT) Portsmouth, VA to conduct an Ultrasonic Thickness (U/T) Survey of specific locations on board USS VICKSBURG (CG-69) during the period of 21 October 2001 – 2 November 2001.

The survey was conducted by Francis J. (Joe) LaRock II, Certified Level 1 on 9 March 2001.

The instrument used was a Kraut Kramer Branson, Model DMS-2.

Serial Number: 00N3V8

Calibration Date: 22 February 2001

Probes Used: TC 560

FH 2 E KBA 525

I have reviewed the results of the survey and approved of the findings. The discrepancies have been recorded on MAF's and are included in this report.

Francis J. LaRock Certified Level I 9 March 2001

USS VICKSBURG (CG-69)

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<u>USS VICKSBURG (CG-69)</u> SHELL CONDITION ASSESSMENT SURVEY, INTERIOR AREAS.

A SEMAT II UNDERWATER HULL AND SUPPORTING STRUCTURE SURVEY OF INTERIOR AREAS WAS CONDUCTED ON BOARD **USS VICKSBURG** (**CG-69**) FROM 10/22/01 TO 11/02/01 AT MAYPORT NAVAL STATION, JACKSONVILLE FLORIDA.

THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH HULL STRUCTURE MRC 1102 USING A DELMHORST BD 2100 MOISTURE METER AND A KRAUTKRAMER BRANSON MODEL DM2TC ULTRASONIC TEST INSTRUMENT SERIAL NO.00NV8 CALIBRATION DUE DATE 02/22/02.THE PROBES USED WERE KRAUTKRAMER BRANSON'S TC/560, FH2E AND KBA 525.

THE MOST CRITICAL AREAS NOTED WERE THE TANK TOP IN AMR 1, THE CORRODED STRINGERS IN MAIN ENGINE ROOM NO'S 1 AND 2 AND THE THINNING TANK TOP IN THE JP5 PUMP ROOM.

HISTORIC AREAS OF CORROSION ON (CG-47) CLASS SHIPS WERE INSPECTED AND NOTED. THE OVERALL CONDITION OF USS VICKSBURG HULL AND STRUCTURE IS EXCELLENT CONSIDERING SHE HAS NEVER BEEN IN DRYDOCK. THE SURVEY RESULTS PROVIDE ADDITIONAL INFORMATION.

USS VICKSBURG (CG-69) STRUCTURAL INSPECTION RESULTS

UNSATISFACTORY AREAS

LOCATION	AREA	RESULTS
(6-506-0-E) STEERING GEAR ROOM	STBD SIDE BETWEEN WF (509- 515) BETWEEN STRINGERS (7- 8)	HEAVY PITTING ON SHELL PLATE
(6-346-0-Q) SHAFT ALLEY/SEWAGE PLANT NO. 3	PORT AND STBD SWASH BHD'S AND AROUND BALLAST BLOCKS.	APPROXIMATELY 200 SF OF CORROSION
(5-300-01-E) MAIN ENGINE ROOM 2	PORT SIDE BETWEEN BHD (300) AND WF (308)/4 TH STRINGER UP FROM MARGIN PLATE AFT OF BHD (300) AND BILGE AREA.	APPROXIMATELY 6 LF OF FLANGE ON 1 ST STRINGER / APPROXIMATELY 2 SF OF WEB ON 4 TH STRINGER AND CORROSION IN BILGE AREA.
(5-300-0-E) MAIN ENGINE ROOM 2	STBD SIDE BETWEEN WF (316-320).	APPROXIMATELY 30 SF OF STIFFENER AND SHELL PLATE
(5-260-0-E) AUXILIARY MACHINERY ROOM 2	STBD SIDE TANK TOP UNDERNEATH FIRE PUMP NO. 4	APPROXIMATELY 6 SF OF SURFACE RUST AND PAINT SEPARATION
(5-220-0-E) AUXILIARY MACHINERY ROOM 1	PORT SIDE UPPER LEVEL TANK TOP/ DECK BETWEEN WF (228- 236), A/C PUMPS NO.1 & 2	APPROXIMATELY 2 SF OF THINNING TANK TOP WITH LOW U/T READINGS
(5-220-0-E) AUXILIARY MACHINERY ROOM 1	STBD SIDE UPPER LEVEL TANK TOP / DECK (F/O TANK 6-220- 3-F) AT WF (228) AND FWD OF CONVERTER (1 STCB)	APPROXIMATELY 4 SF OF LOW U/T READINGS AND PAINT SEPARATION.
(5-174-0-E) MAIN ENGINE ROOM 1	PORT SIDE BETWEEN WF (204- 196), 2 ND AND 4 TH STRINGERS UP FROM MARGIN PLATE, BILGE POCKET AND SHELL.	APPROXIMATELY 100 SF OF HEAVY RUST AND PAINT SEPARATION
(5-174-0-E) MAIN ENGINE ROOM 1	STBD SIDE, 3 RD STRINGER UP FROM MARGIN PLATE FWD OF BHD (220), SHELL PLATE AND BILGE AREA AND TOP OF FEED WATER TANK (5-216-1-W)	APPROXIMATELY 140 SF OF HEAVY SURFACE RUST AND PAINT SEPARATION.
(5-138-0-E) SEWAGE PLANT NO. 1	PITSWORD AREA AND STIFFENERS ON (F/O TANK 6- 138-1-F)	APPROXIMATELY 20 SF OF CORROSION AND PAINT SEPARATION.
(4-58-0-Q) DOME EQUIPMENT ROOM	PORT AND STBD SIDE, BHD (58-78) FROM DECK TO 2 ND STRINGER.	APPROXIMATELY 160 SF OF SATURATED LAGGING, MILD CORROSION AND PAINT SEPARATION.
(3-426-1-E) GENERATOR ROOM NO. 3	STBD SIDE, BETWEEN WF (434-442), 1 ST STRINGER UP FROM MARGIN PLATE AND BILGE AREA	APPROXIMATELY 200 SF OF RUST AND PAINT SEPARATION.
(3-398-0-E) AC / JP-5 PUMP ROOM	TANK TOP / DECK UNDER AND AROUND A/C UNITS (3-4). EXPANSION TANK # 3 AND RECIEVER TANK # R-114	APPROXIMATELY 200 SF OF TANK TOP / DECK HAS HEAVY PITTING AND CORROSION BELOW THE 25% WASTAGE CRITERIA.

USS VICKSBURG (CG-69) STRUCTURAL INSPECTION RESULTS

SATISFACTORY AREAS

LOCATION	COMPARTMENT	MCA SUBMITTED
(3-28-0-Q)	SONAR ROOM NO.1	YES
(3-58-1-M)	WHITE PHOSPHOROUS MAGAZINE NO. 1	YES
(3-58-2-M)	WHITE PHOSPHOROUS MAGAZINE NO. 2	YES
(3-62-0-M)	PROJECTILE MAGAZINE NO.1	YES
(3-81-1-M)	POWDER MAGAZINE NO.1	YES
(3-81-2-M)	POWDER MAGAZINE NO.2	YES
(3-94-0-M)	MAGAZINE	YES
(3-127-0-Q)	TOMAHAWK LAUNCH SYSTEM ROOM	YES
(3-127-2-T)	TRUNK	YES
(3-138-3-L)	PASSAGEWAY	YES
(3-138-6-L)	PASSAGEWAY	YES
(3-140-0-L)	CREW BERTHING	YES
(3-245-2-Q)	BATTERY ROOM	YES
(3-260-0-L)	SUPPLY DEPT STOREROOM	YES
(3-260-2-Q)	SNAP II COMPUTER ROOM	YES
(3-346-0-L)	CREW BERTHING	YES
(3-382-1-A)	STOREROOM	YES
(3-382-2-Q)	STOREROOM	YES
(3-393-4-Q)	400 MHz CONVERTER	YES
(3-426-2-A)	STOREROOM	YES
(3-442-2-A)	STOREROOM	YES
(4-28-0-T)	ACCESS TRUNK	YES
(4-34-0-Q)	SONAR EQUIPMENT ROOM NO.3	YES
(4-78-1-A)	BOS'N STOREROOM	YES
(4-78-2-A)	BAGGAGE STOREROOM	YES
(5-34-0-Q)	FORWARD EDUCTOR ROOM	YES
(5-174-1-T)	TRUNK	YES
(6-464-4-K)	FLAMMABLE STORAGE	YES
(6-476-1-A)	SPECIAL CLOTHING ISSUE ROOM	YES
(6-476-2-A)	PASSAGEWAY	YES
(6-476-4-A)	STOREROOM	YES
(6-485-2-A)	STOREROOM	YES
(6-488-3-A)	REEL STOREROOM NO. 1	YES

USS VICKSBURG (CG-69) STRUCTURAL INSPECTION RESULTS

UNASSESSABLE AREAS

LOCATION	COMPARTMENT	UNASSESSABLE
(2½-10-0-A)	CHAIN LOCKER NO.1	GAS FREE REQUIRED
(2½-20-0-A)	CHAIN LOCKER NO.2	GAS FREE REQUIRED
(5-E-0-V)	VOID	GAS FREE REQUIRED
(5-154-3-V)	VOID	GAS FREE REQUIRED
(5-154-4-V)	VOID	GAS FREE REQUIRED
(6-8-0-T)	CABLE TRUNK	GAS FREE REQUIRED
(6½-11-0-V)	VOID	GAS FREE REQUIRED
(6-28-0-T)	SONAR DOME ACCESS TRUNK	GAS FREE REQUIRED
(6-34-0-V)	VOID	GAS FREE REQUIRED
(6-201-2-V)	COFFERDAM	GAS FREE REQUIRED
(6-300-3-V)	COFFERDAM	GAS FREE REQUIRED
(6-379-2-V)	COFFERDAM	GAS FREE REQUIRED

ITEM NUMBER							SHIP	USS VICKSBURG	(CG-6	9)
SYSTEM SHELL & SUPPORT	ING STRUCTURE 11	ESWBS 11011	EIG	c A100		APL		SYSTEMS		IN N/L
EQUIPMENT NAME		IDENT/SERIA		A100	LOCATI	ION 6-506-0-E	WO	RK CENTER	J:	SN
HULL STRUCTURE 1 EQUIPMENT STATUS		ROBLEM STATUS	N/A N/A				CATEGORY	ERO1		A009 EOC
1. SAT - SATISFACTORY	γ	1. C - CORRECTED		1. S - PERSONI	NEL SAFETY	,		4. D - DOWN		
2. UNSAT - UNSATISFACT 3. TNA - TEST NOT ATTE	EMPTED	 A - AWAITING PARTS T - AWAITING TEC 		2. Z - EQUIPME 3. H – HARDV		′		5. L - LIMITED		.9
4. TNC - TEST NOT COM 5. NOB - EQUIPMENT NO		4.S - SHIP'S FORCE *UNCORRECTED PROBL	EMS							
TYPEAVAILABILITY	WHEN TO BE ACCOMPLISHED	STATUS		CAUSE				DEFERRAL REASON		
1. DEPOT	1. IMMEDIATELY	1. OPERATIONA	L	ABNORMAL ABNORMAL ABNORMAL		ENT LATION DEFECT	ſS	S/F BACKLOG/OPERATIONA LACK OF MATERIAL	AL PRIORTY	
2. IMA	2. PRIOR TO NEXT UNDERWAY	2. NON-OPERATION	DNAL	LACK OF KN COMMUNICA		BLEMS		 NO FORMAL TRAINING ON FORMAL TRAINING INADEC 		
3. TECH ASSIST	3.PIROR TO NEXT	3. REDUCED CAPA	ABILITY	INADEQUATINADEQUAT		TION/PROCEDU	RE	INING		
4. SHIP'S FORCE	DEPLOYMENT	4. NOT APPLICAB	LE	7.NORMAL W 8. NOT APPLIC		TEAR		 LACK OF FACILITIES/CA NOT AUTHORIZED FOR S/F 		
5. SFWL	4. DURING POST DEPLOYMENT							 FOR S/F OVERHAUL OR AVELIST 	AILABILITY	WORK
	AVAILABILITY							 LACK OF TECHNICAL DOCL OTHER OR NOT APPLICABLE 		I
MAN HRS EXPENDED 2	MAN HRS REM	iaining 200	COMPLETI	ED ACTION TAKE	EN		S/F	MANHOURS	P	RIORTY
SAFETY HAZARD:		200		NANCE ACTION CO						MANDATORY
1. SERIOUS - CORRECT A 2. SERIOUS - SUSPENSION	ON OF EQUIPMENT/SYSTE	M/SPACE REQUIRED	MAINTEN	NANCE ACTION CO NANCE ACTION CO	MPLETED:	NO PARTS REQ	UIRED	ROM SUPPLY		ESSENTIAL HIGHLY
3. SERIOUS - WAVIER OF 4. SAFETY ITEM - MINOR	₹		MAINTEN	LED - DEFERRAL V NANCE ACTION CO	MPLETED:	3-M CAPABILIT	Y UTILIZED		4.	DESIRABLE DESIRABLE
5. COMBUSTIBLE MATER		SEMAT II LINDERW		ASSESSME				STEERING GEAR RO	OM	
						,		W THE 25% WAST.		LOWANCE
		J/T READINGS. A			O IILA	<u> </u>	NO BEEG	111E 2070 W/101	MOL ML	LOWINGL
RECOMMENDED	REPAIRS:									
RECOMMEND REF	PAIR ACTIVITY, WI	HILE SHIP IS IN DI	RY-DOCK, C	CLAD WELD	PITS, I	APPROXIM	MATELY 6".	PRESERVE AND PAIN	N OT TI	IATCH.
SSPORT C221 F	POC: B. WILLIAM	IS (757) 396-400	1 EXT 213	30, TPOC:	M. ME	LVIN				
								II		
CSMP SUMMAR		<u> </u>						TEST# MRC 1102/1		
ROOT CAUSE/AM	HEAVY PITTIN	<u>G</u>								
H1	PLIFICATION:							STEP# 1,2,3,4 & 5		
SYSTEM LEVEL IN	ЛРАСТ:							1,270,000		
	<u>-</u>				16		11			
PART NO.		NOMEMCLA	ATURE			QTY	NSN			COST
1										
2										
3										
4										
5										
6										
FIRST CONTACT	T RATE	SECC	ND CONT	ACT		RATE	PI	HONE		<u> </u>
BREKKE	HT1	CARL				HT2				
ASSESSOR / ACT				TD		TL	LOGI	STICIAN		TSP
J. LaROCK/ T. I	LGENFRITZ	QED SYSTEMS I	NC.							

<u>USS VICKSBURG (CG-69)</u> <u>STEERING GEAR ROOM (6-506-0-E)</u>

STBD SIDE



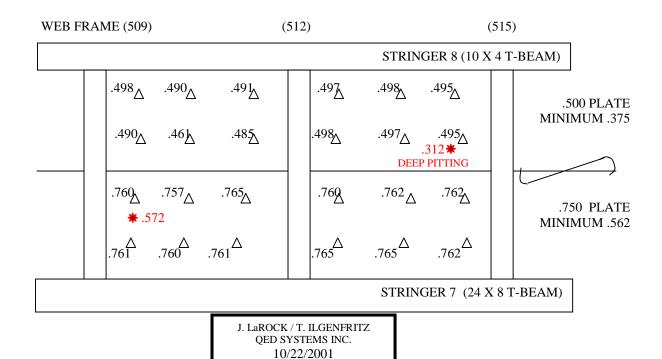
STBD SIDE BETWEEN WEB FRAMES (509-512) AND STRINGERS (7-8) PIT IS .188 DEEP WHICH IS ABOVE THE 25% WASTAGE ALLOWANCE. CLAD WELDING IS RECOMMENDED

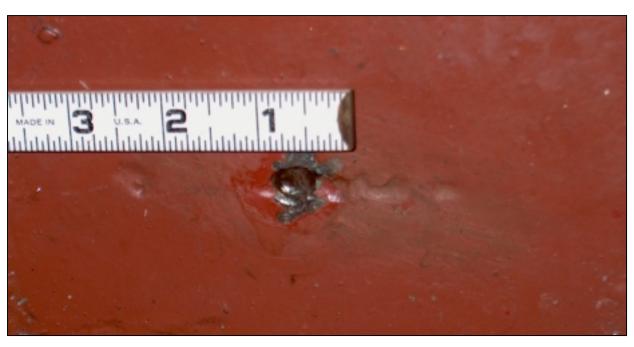


SALT WATER EDUCTOR VALVE (3-510-1) IS LEAKING ROOT CAUSE FOR CORROSION

<u>USS VICKSBURG (CG-69)</u> <u>STEERING GEAR ROOM ((6-506-0-E)</u>

STBD SIDE





STBD SIDE, SHELL PLATE BETWEEN WEB FRAMES (512-515), AND STRINGERS (7-8) PIT IS .188 DEEP WHICH IS BELOW THE 25% WASTAGE ALLOWANCE.

ITEM NUMBER								SHIP	USS VICKSBURG	(CG-6	9)
SYSTEM			ESWBS	EI	IC		APL			RII	N
SHELL & SUPPORTI	NG STRUCTURE	110	11011 IDENT/SERIAL		A1		ATION		(-SYSTEMS VORK CENTER	JSI	N/L
HULL STRUCTURE 1	102XY		IDENT/ SERIAL	N/A		Loca	6-346-0-E	II II	ERO1	331	•
EQUIPMENT STATUS		PROBLEM	STATUS			-N		CATEGO	RY	-11	EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACT 3. TNA - TEST NOT ATTE 4. TNC - TEST NOT COM 5. NOB - EQUIPMENT NOT	ORY MPTED PLETED	2. 3. 4.	C - CORRECTED A - AWAITING PARTS T - AWAITING TECH AS S - SHIP'S FORCE INCORRECTED PROBLEMS						4. D - DOWN 5. L - LIMITED		
TYPEAVAILABILITY	WHEN TO BE	·	STATUS		CAUSE				DEFERRAL REASON		-11
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	ACCOMPLISHED 1. OPERATIONAL						1. S/F BACKLOG/OPERATIONAL 2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 1. S/F BACKLOG/OPERATIONAL 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON TI 5. INADEQUATE TRAINING INADEQU EQUIPMENT 5. INADEQUATE SCHOOL PRACT 6. LACK OF FACILITIES/CAP 7. NOT AUTHORIZED FOR S/F A 1. LIST 9. LACK OF TECHNICAL DOCUM 10. OTHER OR NOT APPLICABLI				
MAN HRS EXPENDED	MAN HR:	S REMAINING		COMPLET	TED ACTION	TAKEN		S	/F MANHOURS	PR	IORTY
A SAFETY HAZARD: 1. SERIOUS - CORRECT A 2. SERIOUS - SUSPENSIC 3. SERIOUS - WAVIER OF 4. SAFETY ITEM MINOR 5. COMBUSTIBLE MATER	ON OF EQUIPMENT/ FEQUIPMENT/SYST	00 ICE REQUIRED	2. MAINTE 3. MAINTE 4. CANCEL 5. MAINTE	ENANCE ACTION ENANCE ACTION LLED - DEFERI ENANCE ACTION	ON COMPLETE ON COMPLETE RAL WILL BE I ON COMPLETE	D: PARTS DRAWN D: REQUIRED PAI D: NO PARTS REC REMOVED FROM (D: 3-M CAPABILI N REMARKS/DESC	RTS NOT DRAV QUIRED CSMP TY UTILIZED	/N FROM SUPPLY	2. I	MANDATORY ESSENTIAL HIGHLY DESIRABLE DESIRABLE	
DISCREPANCY I	DESCRIPTIO	N: PER S	SEMAT II UNDE	RWAT	ER HULI	L ASSES	SMENT: (6	6-346-0-E) Shaft Alley/Sewage	PLANT	NO.3
FLANGE ON FIR	ST STIFFNE	R OFF D	ECK ON SWASI	H BHD	OUTBO.	ARD OF	STBD SH	AFT IS C	ORRODED APPROX 1	O FT A	FT OF
BHD (346). THE	RE IS CORRO	OSION OI	N BOTH PORT A	AND STI	BD SWA	SH BHD	S AND ARG	OUND TH	IE BALLAST BLOCKS.	APPRC	X 200 SF.
RECOMMENDED	REPAIRS: R	ECOMMI	END REPAIR AC	CTIVITY	CUT OL	JT AND I	REPLACE /	APPROX	MATELY 1 LF OF STIF	FNER F	LANGE
REMOVE BALLAST	Γ CLEAN ENTI	RE AREA	TO BARE METAL	, PRESE	RVE AND	PAINT	TO MATCH,	, REPLACE	BALLAST.		
SSPORT C221 P	OC: B. WILL	IAMS (7	57) 396-4001	EXT 21	30, TPC	DC: M. N	IELVIN				
CSMP SUMMAR' STIFFNER FLANGI		FD ON ST	BD SIDE/MODE	RATE PA	UNT SEP	ARATION	I PORT / ST	TBD SIDE:	TEST# S MRC 1102/1		
ROOT CAUSE/AMF									STEP# 1,2,3,4 & 5		
SYSTEM LEVEL IM	IPACT:										
PART NO.			NOMEMCLATU	JRE			QTY	NSN			COST
1											
2											
3											
4											
5											
FIRST CONTACT		ATE	SECONI	CONT	ACT		RATE		PHONE		
BREKKE	H1	I 1	CARL		ı		HT2	<u> </u>		11	
ASSESSOR / ACT J. LaROCK/ T. I		QEI	D SYSTEMS IN	С.		TD	TL	LOC	GISTICIAN		TSP

USS VICKSBURG (CG-69) SHAFT ALLEY / SEWAGE PLANT NO. 3 (6-346-0-E) PORT SIDE



CORROSION ON SWASH BHD OUTBOARD OF PORT SHAFT.

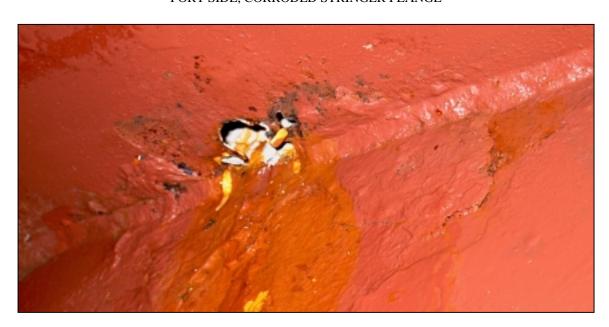


CORROSION ON STIFFNER OUTBOARD OF SWASH BULKHEAD

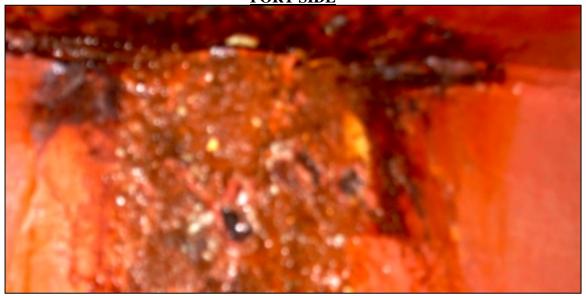
ITEM NUMBER								SHIP	LICC VII OVCDUDO	(00 (0)
SYSTEM			ESWBS	EI	IC		APL		USS VICKSBURG		1N
SHELL & SUPPORT	ING STRUCTURE		11011		A100	.ir			SYSTEMS		N/L
EQUIPMENT NAME HULL STRUCTURE	1102XY		IDENT/SERIAL	N/A 5-300-0-E					RK CENTER ERO1	JS	A027
EQUIPMENT STATUS		PROBLEM	STATUS			11	0 000 0 2	CATEGORY			EOC
1. SAT - SATISFACTOR 2. UNSAT - UNSATISFAC 3. TNA - TEST NOT ATT 4. TNC - TEST NOT CON 5. NOB - EQUIPMENT NC	<mark>Tory</mark> Empted Ipleted	2. 4.S	C - CORRECTED A - AWAITING PARTS T - AWAITING TECH A: 5 - SHIP'S FORCE NCORRECTED PROBLEMS		1. S - PERSONI 2. Z - EQUIPMI 3. H – HARDV	ENT SAFET			4. D - DOWN 5. L - LIMITED	.9	
TYPEAVAILABILITY	WHEN TO BE ACCOMPLISHE	-11	STATUS		CAUSE				DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	L	1. ABNORMAL ENVIRONMENT 2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 7. NOT AUTHORIZED FOR S/F // 8. FOR S/F OVERHAUL OR AVALIST 9. LACK OF TECHNICAL DOCUM 10. OTHER OR NOT APPLICABLE						HIS EQUIPMENT ATE IN THIS TICAL TRAINING ABILITIES CCOMPLISHMENT LABILITY WORK ENTATION			
MAN HRS EXPENDED	MAN HRS	S REMAINING		COMPLET	TED ACTION TAK	EN		S/F	MANHOURS	PI	RIORTY
4 SAFETY HAZARD: 1. SERIOUS - CORRECT 2. SERIOUS - SUSPENSI 3. SERIOUS - WAVIER O 4. SAFETY ITEM - MINOI 5. COMBUSTIBLE MATER	ON OF EQUIPMENT/S F EQUIPMENT/SYST R	SYSTEM/SPA		2. MAINTE 3. MAINTE 4. CANCEL 5. MAINTE	ENANCE ACTION CO ENANCE ACTION CO ENANCE ACTION CO LLED - DEFERRAL V ENANCE ACTION CO DF THE ABOVE, DE	OMPLETED OMPLETED VILL BE RE OMPLETED	: REQUIRED PAR : NO PARTS REQ MOVED FROM C : 3-M CAPABILIT	TS NOT DRAWN UIRED SMP Y UTILIZED		2. 3 .	MANDATORY ESSENTIAL HIGHLY DESIRABLE DESIRABLE
DISCREPANCY	DESCRIPTIO	N: PER S	EMAT II UNDE	RWAT	ER HULL A	SSESS	MENT: PC	ORT SIDE (5-300-0-E) MER 2		
BETWEEN BHD	(300) AND V	VF (308)	FIRST STRING	GER UP	FROM MA	RGIN	PLATE, FI	LANGE IS	CORRODED APPRO	TAMIXC	ELY 6 FT
FWD OF BHD (300). 4 TH STF	RINGER (JP FROM MAR	GIN PL	ATE IS THI	INNIN	G AT THE	WEEP H	OLE, APPROX 3 FT	AFT O	F BHD
(300). BILGE A	REA IS FULL	OF WAT	TER. MILD COF	RROSIC	ON AND PA	INT SI	EPARATIC	N, SEE A	TTACHED DRAWIN	IG FOR	U/T INFO.
RECOMMENDE	REPAIRS : R	ECOMME	END REPAIR A	CTIVITY	REMOVE A	APPRO	X 6 LF OF	FLANGE	ON 1 ST STRINGER F	REPLAC	E WITH
4 X .250 MILD ST	EEL FLAT BAR	. REMOV	'E APPROX 2 SF	OF WEE	3 ON THE 4 ^T	H STRI	nger at t	HE TRANS	verse weld seam i	REPLACE	WITH
10 X .187 MILE	STEEL FLA	T BAR.	CLEAN ENTI	RE ARE	EA TO BAF	RE ME	TAL PRE	SERVE,	PRIME AND PAIN	T	
SSPORT C221 F	POC: B. WILL	IAMS (7	57) 396-4001	EXT 21	30, TPOC:	M. ME	ELVIN				
CSMP SUMMAR CORRODED ST									TEST# MRC 1102/1		
ROOT CAUSE/AM	PLIFICATION:								STEP#		
H1 SYSTEM LEVEL IN	ЛРАСТ:								1,2,3,4 & 5		
PART NO.			NOMEMCLATI	IDE	_		QTY	NSN			COST
			NOWEWCLAT	JKL			QIT	INSIN			CO31
1											
2											
3											
4											
5											
6	1r		1 .								
FIRST CONTACT BREKKE	T RA	ATE 「1	SECONI CARL	CONT	ACT		RATE HT2	P	HONE		
ASSESSOR / ACT J. LaROCK/ T. I		QEI	O SYSTEMS IN	 C.	TD		TL	LOGI	STICIAN		TSP



PORT SIDE, CORRODED STRINGER FLANGE



WEEP HOLE AT TRANSVERSE WELD SEAM APPROXIMATELY 3' AFT OF BHD (300)

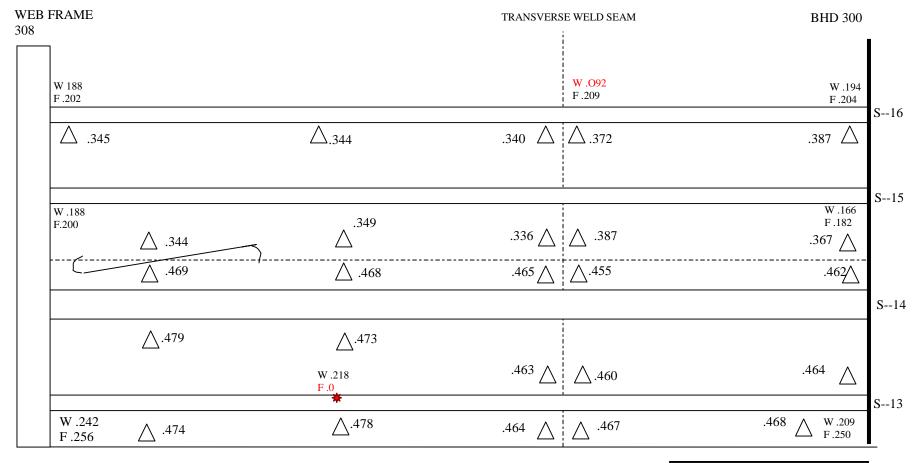


CORROSION AT TRANSVERSE WELD SEAM UNDERNEATH 3RD STRINGER FROM MARGIN PLATE



BILGE POCKET AFT OF BHD (300) AREA RECOMMENDED FOR PRESERVATION

<u>USS VICKSBURG (CG-69)</u> <u>MAIN ENGINE ROOM 2 (5-300-0-E)</u> <u>PORT SIDE</u>

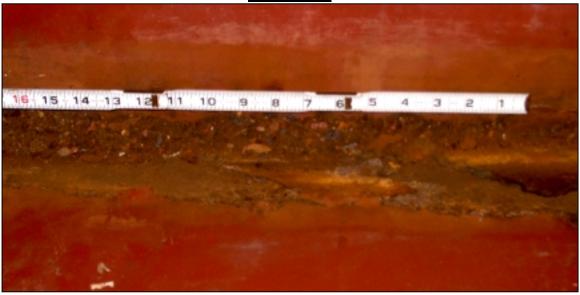


LEGEND		
	DESIGN	MIN
PLATE ABOVE WELD SEAM	.375	.282
PLATE BELOW WELD SEAM	.500	.375
STRINGERS 13, 15, 16	W .1875	.110
(10"X4"X11.5# T-BEAM	F .1875	.150

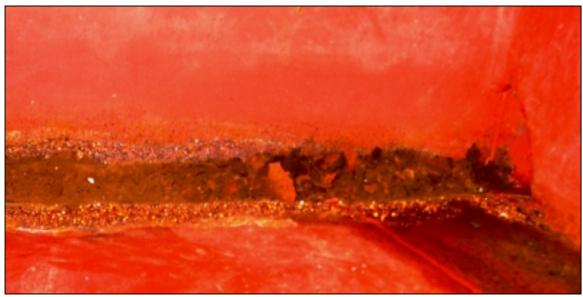
J. Larock / T. Ilgenfritz QED SYSTEMS INC. 10/24/01

ITEM NUMBER								SI	HIP [JSS VICKSBURG (CO	3-69	9)
SYSTEM				SWBS	EIG			APL		233 VIORSBORG (OR	RIN	l
SHELL & SUPPORT	TING ST	RUCTURE	110	11011		A100	LOCAT	TON		YSTEMS K CENTER	JSN	N/L
HULL STRUCTURE	1102XY	,		IDENI/SERIAL	N/A		LOCAT	5-300-0-E	WOR	ERO1	Jaiv	A029
EQUIPMENT STATUS			PROBLEM S	TATUS					CATEGORY			EOC
1. SAT - SATISFACTOR 2. UNSAT - UNSATISFAC 3. TNA - TEST NOT AT 4. TNC - TEST NOT CO 5. NOB - EQUIPMENT N	CTORY TEMPTED MPLETED	ARD	2. A 3. T 4.S	- CORRECTED - AWAITING PARTS - AWAITING TECH ASSI - SHIP'S FORCE CORRECTED PROBLEMS						4. D - DOWN 5. L - LIMITED		
TYPEAVAILABILITY		WHEN TO BE		STATUS		CAUSE				DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	IMA 2. PRIOR TO NEXT UNDERWAY 2. NON-OPERATIO 3. PREDUCED CAP 3. PIROR TO NEXT DEPLOYMENT 4. NOT APPLICAB 4. DURING POST DEPLOYMENT AVAILABILITY					1. ABNORMAL ENVIRONMENT 2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 1. S/F BACKLOG/OPERATIONAL F 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EC 4. FORMAL TRAINING INADEQUATE I EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOM 8. FOR S/F OVERHAUL OR AVAILABIL LIST 9. LACK OF TECHNICAL DOCUMENTAT 10. OTHER OR NOT APPLICABLE						ENT 6 ING MENT DRK
MAN HRS EXPENDED 2		MAN HRS R	EMAINING 200)	COMPLETE	ED ACTION TAK	EN		S/F N	MANHOURS	PRI	ORTY
SAFETY HAZARD: 1. SERIOUS - CORRECT 2. SERIOUS - SUSPENS 3. SERIOUS - WAVIER (4. SAFETY ITEM - MINO 5. COMBUSTIBLE MATE	ION OF E OF EQUIP OR RIAL	QUIPMENT/SYS MENT/SYSTEM	STEM/SPAC	E REQUIRED	2. MAINTEN 3. MAINTEN 4. CANCELL 5. MAINTEN 6. NONE OF	NANCE ACTION CON NANCE ACTION CO LED - DEFERRAL V NANCE ACTION CO F THE ABOVE, DE	OMPLETED: OMPLETED: VILL BE RE OMPLETED: SCRIBE IN	PARTS DRAWN FRO REQUIRED PARTS N NO PARTS REQUIRE MOVED FROM CSMP 3-M CAPABILITY UT REMARKS/DESCRIPT	IOT DRAWN F D ILIZED ION SECTION		2. E 3. H D	IANDATORY SSENTIAL IIGHLY ESIRABLE ESIRABLE
DISCREPANCY												
BETWEEN WF	(316-	320) 2 ND S	STRIING	GER UP FROM	MARGI	N PLATE (24 X 8	3 T-BEAM) F	IAS HEA	VY PAINT SEPARATIO	N AI	ND
RUST. THERE	IS LI	GHT THIN	INING C	OF THE WEB V	VHERE	IT MEETS	THE S	HELL, THE	SHELL <i>F</i>	LSO HAS LIGHT THIN	ININ	G BUT IS
WITHIN THE 2	25% V	/ASTAGE	CRITER	IA. SEE ATTA	ACHED I	DRAWING	. APP	ROXIMATEL	Y 30 SF	OF STIFFNER AND SH	<u> IELL</u>	PLATE.
RECOMMENDS			LEAN A	REA TO BARE	METAL	, PRESER	VE, PR	IME AND PA	AINT.			
SSPORT C221	POC:	B. WILLI <i>A</i>	MS (75	7) 396-4001	EXT 218	36, TPOC:	M. ME	ELVIN				
CSMP SUMMAI STIFFNER AND		L HAVE N	ЛILD TH	HINNING AND	CORRO	SION				TEST# MRC 1102/1		
ROOT CAUSE/AN H1	/IPLIFI	CATION:								STEP# 1,2,3,4 & 5		
SYSTEM LEVEL I	MPACT	:										
PART NO.				NOMEMCLATU	JRE			QTY	NSN			COST
1												
2												
3												
4												
5												
											$-\parallel$	
6 FIRST CONTAC	T.	RAT	F	SECONI	CONT	ACT		RATE	DL	IONE	_	
BREKKE	, 1	HT1		CARL	CONTA	-10 I		HT2		PHONE		
ASSESSOR / ACT J. LaROCK/ T.			ED SYS1	EMS INC.		TD		TL	LOGIS	TICIAN		TSP

USS VICKSBURG (CG-69) MAIN ENGINE ROOM 2 (5-300-0-E) STBD SIDE

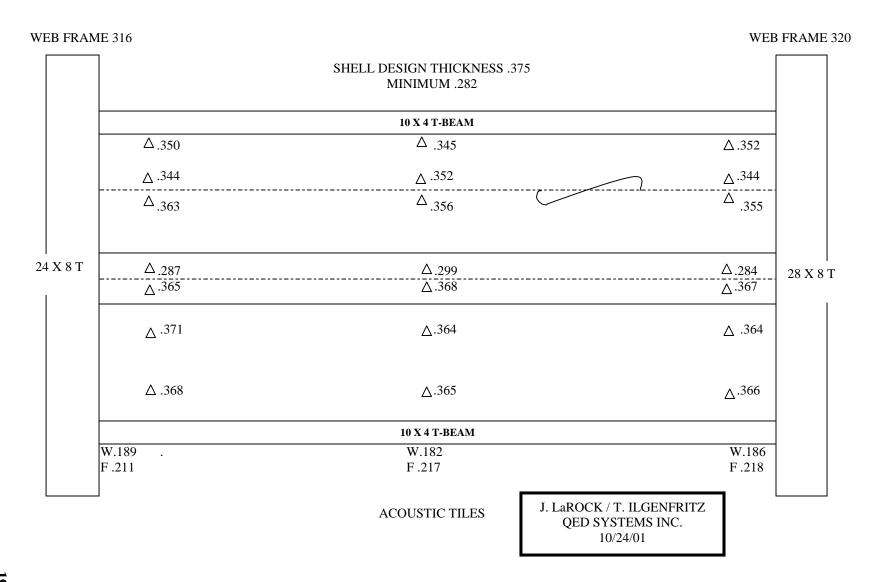


STBD SIDE BETWEEN WEB FRAMES (316-320) WHERE STRINGER MEETS SHELL PLATE SOME THINNING WAS NOTED SEE DRAWINGS FOR U/T READINGS



SHELL AND WEB BETWEEN WEB FRAMES (320-324) AREA RECOMMENDED FOR PRESERVATION

USS VICKSBURG (CG-69) MAIN ENGINE ROOM 2 STBD SIDE



USS VICKSBURG (CG-69) MAIN ENGINE ROOM 2 (5-300-0-E) STBD SIDE

TOP VIEW OF SECOND STRINGER FROM MARGIN PLATE

WEB FRAME 316			SHELL		V	VEB FRAME 320
	△ .303	△ .272	△ .254	△ .272	Δ .278	
24 X 8 T						28 X 8 T
	Δ .381	Δ .389	Δ.386	△.387	.388 Δ	
	Δ .389	△ .388	.392 Δ	Δ.392	. 302	
					△ .392	

J. LaROCK / T. ILGENFRITZ QED SYSTEMS INC. 10/24/01

ITEM NUMBER								USS VICKSBURG (CG-69)				
SYSTEM	0.		ESWBS	EI			APL				IN	
SHELL & SUPPORTING	STRUCTURE	110	11011 IDENT/SERIAL		A100	LOCATI	ON		SYSTEMS RK CENTER	19	N/L SN	
HULL STRUCTURE 110	2XY			N/A		ll .	5-260-0-E		ERO1		A041	
EQUIPMENT STATUS		PROBLEM	STATUS					CATEGORY			EOC	
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTOR 3. TNA - TEST NOT ATTEMP 4. TNC - TEST NOT COMPLE 5. NOB - EQUIPMENT NOT OI	TED TED	2. 3. 4.	C - CORRECTED A - AWAITING PARTS T - AWAITING TECH ASSI S - SHIP'S FORCE JINCORRECTED PROBLEMS		1. S - PERSONN 2. Z - EQUIPME 3. H – HARDV	NT SAFETY			4. D - DOWN 5. L - LIMITED			
TYPEAVAILABILITY	WHEN TO BE		STATUS		CAUSE				DEFERRAL REASON			
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	DEPOT 1. IMMEDIATELY 1. OPERATIONAL IMA 2. PRIOR TO NEXT UNDERWAY 2. NON-OPERATION TECH ASSIST 3. PIROR TO NEXT DEPLOYMENT 4. NOT APPLICABLE SFWL 4. DURING POST DEPLOYMENT AVAILABILITY					1. ABNORMAL ENVIRONMENT 2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 1. SYF BACKLOG/OPERATIC 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON 4. FORMAL TRAINING INDEC EQUIPMENT 5. INADEQUATE SCHOOL PRAC 6. LACK OF FACILITIES/CAPAB 7. NOT AUTHORIZED FOR SYF 8. FOR SYF OVERHAUL OR AVA LIST 9. LACK OF TECHNICAL DOCUL 10. OTHER OR NOT APPLICABL						
MAN HRS EXPENDED 2	MAN HRS F	REMAINING 60		COMPLET	ED ACTION TAKE	N		S/F	MANHOURS	P	RIORTY	
SAFETY HAZARD: 1. SERIOUS - CORRECT AS S 2. SERIOUS - SUSPENSION 3. SERIOUS - WAVIER OF EC 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL DISCREPANCY DE	OF EQUIPMENT/SY QUIPMENT/SYSTEM	: /STEM/SPA //	CE REQUIRED	2. MAINTE 3. MAINTE 4. CANCEL 5. MAINTE 6. NONE C	ENANCE ACTION CO ENANCE ACTION CO ENANCE ACTION CO LED - DEFERRAL W ENANCE ACTION CO OF THE ABOVE, DES	MPLETED: MPLETED: ILL BE REM MPLETED: CRIBE IN R	REQUIRED PAR NO PARTS REQU IOVED FROM CS 3-M CAPABILITY EMARKS/DESCR	TS NOT DRAWN F JIRED IMP / UTILIZED IPTION SECTION	1	3.	MANDATORY ESSENTIAL HIGHLY DESIRABLE DESIRABLE	
								- ' '	RAIN LINE FROM F	IDE DI	IMD NO 4	
EMPTIES ON TAN						_	I SEFARA	ATTON. D	KAIN LINE FROM I	IKL FU	JIVIF INU.4	
LIVIF FILS ON TAIN	K TOF CAU	JING C	OKKOSION. A	FFROX	IIVIATELT O	JI.						
RECOMMENDED R		CLEAN A	area to bare	METAL	_ PRIME AN	ID PAI	NT TO M	ATCH.				
SSPORT C221 PO		AMS (7	57) 396-4001	EXT 21	86, TPOC:	M. ME	LVIN					
CSMP SUMMARY: CORROSION ON			ER FIRE PLIME	⊃ N∩ 4					TEST# MRC 1102/1			
ROOT CAUSE/AMPL		ONDL		110.4	NO.4				STEP#			
H1									1,2,3,4 & 5			
SYSTEM LEVEL IMPA	ACT:											
PART NO.			NOMEMCLATI	JRE			QTY	NSN			COST	
1												
2												
3												
4												
5												
6						1						
FIRST CONTACT BREKKE	RAT HT1		SECONI CARL	O CONT	ACT		RATE HT2	Ph	HONE	<u> </u>		
ASSESSOR / ACT / 7							1114	11				

<u>USS VICKSBURG (CG-69)</u> <u>AUXILIARY MACHINERY ROOM 2 (5-260-0-E)</u> STBD SIDE



STBD SIDE, CORROSION ON TANK TOP AND STIFFNER UNDERNEATH FIRE PUMP NO.4. ARROW INDICATES DRAIN LINE, ROOT CAUSE OF CORROSION.



ITEM NUMBER								SHIP					
		ur ur		11			1		USS VICKSBURG		_		
SYSTEM SHELL & SUPPORTIN	IG STRUCTURE	110 E	11011	E	1c A10		APL		X-SYSTEMS	RI	N/L		
EQUIPMENT NAME HULL STRUCTURE 11	02XY		IDENT/SERIAL	N/A		LOCATION WORK CENTER 5-220-0-E ERO				JS	A039		
EQUIPMENT STATUS		PROBLEM S	STATUS	14//1		<u> </u>	5 220 0°L	CATEG		<u> </u>	EOC		
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTOR 3. TNA - TEST NOT ATTEM 4. TNC - TEST NOT COMPL 5. NOB - EQUIPMENT NOT	IPTED LETED	2. A 3. 1 4.S	C - CORRECTED A - AWAITING PARTS T - AWAITING TECH AS - SHIP'S FORCE NCORRECTED PROBLEMS			ONNEL SAFET' MENT SAFET' DWARE			4. D - DOWN 5. L - LIMITED	.9			
TYPEAVAILABILITY	WHEN TO BE	-1-	STATUS		CAUSE				DEFERRAL REASON				
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	ACCOMPLISHED					1. ABNORMAL ENVIRONMENT 2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 6. INADEQUATE OF SIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 7. NOT AUTHORIZED FOR S/ 8. FOR S/F OVERHAUL OR AVERTAGE 8. OF TECHNICAL DOCI 10. OTHER OR NOT APPLICA					I THIS EQUIPMENT QUATE IN THIS ACTICAL TRAINING APABILITIES F ACCOMPLISHMENT (ALABILITY WORK JMENTATION		
MAN HRS EXPENDED 4	MAN HRS	REMAINING 150		COMPLE	TED ACTION TA	KEN			S/F MANHOURS	PF	RIORTY		
SAFETY HAZARD: 1. SERIOUS - CORRECT AS 2. SERIOUS - SUSPENSION 3. SERIOUS - WAVIER OF 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIA	E REQUIRED	2. MAINTI 3. MAINTI 4. CANCEI 5. MAINTI 6. NONE (ENANCE ACTION LLED - DEFERRA ENANCE ACTION OF THE ABOVE, I	COMPLETED: COMPLETED: WILL BE RE COMPLETED: DESCRIBE IN	REQUIRED PAI NO PARTS REC MOVED FROM C 3-M CAPABILI' REMARKS/DESC	RTS NOT DRA QUIRED CSMP TY UTILIZED CRIPTION SEC	WN FROM SUPPLY	2. 3. 4.	MANDATORY ESSENTIAL HIGHLY DESIRABLE DESIRABLE				
									<u> </u>				
									O OF PORT SIDE SHE MPS 1 & 2. APPROX 100		VVEEIN		
WED I KAMES (220	5-230). HLAVI	TAINTS	LI AKATION 30	KKOON	D3 LIVITINE	TOUND	ATTON OF	A/CTU	WI S T & Z, ATTROX TOO	7 31 .			
RECOMMENDED	REPAIRS: RE	COMMEN	ID REPAIR ACT	IVITY C	J EAN AND	GAS ER	FF F/O TA	NK (6-21	20-4-F) AND REMOVE II	VITEREER	PENCES		
									LEAK TEST. CLEAN APF				
AREA TO BARE N			·		- *************************************	5 WILD .	JILLE, IL	IKI OKWI	LEMIC TEST. OLLMIN THE	NOX 100	3 31 01		
TIKEN TO BRIKE IS	VIL I I CIIVII	L /(IVD I	7.11.11 10 10,7.11	011									
SSPORT C221 PC	DC: B. WILLI	AMS (75	57) 396-4001	EXT 21	30, TPO	: M. ME	LVIN						
CSMP SUMMARY TANK TOP / DEC		ING HE	AVY PAINT SF	PARAT	ION AROI	IND A/(C PLIMPS	1 & 2	TEST# MRC 1102/1				
ROOT CAUSE/AMP		-,							STEP# 1,2,3,4 & 5				
SYSTEM LEVEL IMP	PACT:								<u> 1/2/0/7 Q 0</u>				
PART NO.	_		NOMEMCLATI	JRE			QTY	NSN	l		COST		
1													
2													
3													
4													
5													
6													
FIRST CONTACT BREKKE	SECONI CARL	TACT		RATE HT2		PHONE							
ASSESSOR / ACT / J. LaROCK/ T. IL			SYSTEMS IN	<u> </u>	Т	D	TL	LO	GISTICIAN		TSP		
J. Lanoun/ 1. IL	OLIVI IXI I L	GEL	O TO LEVIO 11V	∵ .									

USS VICKSBURG (CG-69) AUXILIARY MACHINERY ROOM 1 (5-220-0-E) PORT SIDE / HPPER LEVEL

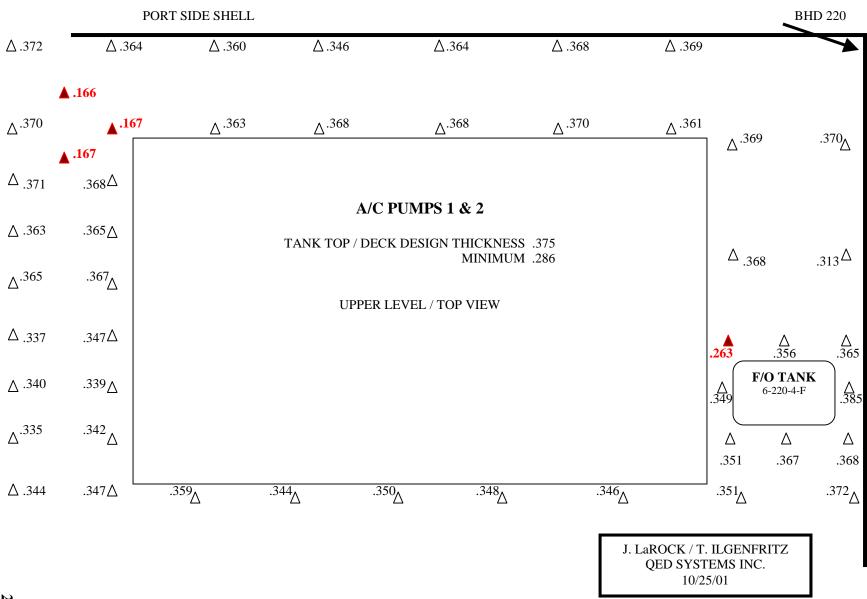


A/C PUMPS 1& 2, U/T READINGS WERE TAKEN ON TANK TOP / DECK SURROUNDING FOUNDATION AND ACCESS TO F/O TANK (6-220-4-F) SEE ATTACHED DRAWING



TANK TOP / DECK BETWEEN A/C PUMPS 1&2 AND PORT SIDE SHELL APPROXIMATELY 2 SF OF AREA REVEALED LOW U/T READINGS NOTE HEAVY BLISTERING OF PAINT

<u>USS VICKSBURG (CG-69)</u> <u>AUXILIARY MACHINERY ROOM 1 (5-220-0-E)</u> <u>PORT SIDE / UPPER LEVEL</u>



ITEM NUMBER								SHIP	LICC VI OKCDUDO		· 0)	
SYSTEM			ESWBS	EI	IC		APL		USS VICKSBURG		ein	
SHELL & SUPPORTING STRUCTURE 110 11011				A100		1			SYSTEMS		N/L	
EQUIPMENT NAME HULL STRUCTURE 1102XY				N/A	location V/A 5-220-0			wo	WORK CENTER ERO1		sn A040	
EQUIPMENT STATUS		PROBLEM	STATUS					CATEGORY			EOC	
1. SAT - SATISFACTORY 1. C - CORRECTED					S - PERSONNEL SAFETY Z - EQUIPMENT SAFETY H - HARDWARE				4. D - DOWN 5. L - LIMITED		.9	
TYPEAVAILABILITY	WHEN TO	BE	STATUS	CAUSE					DEFERRAL REASON			
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	1. IMMEDI. 2. PRIOR T UNDERWA 3.PIROR DEPLOYM 4. DURING DEPLOYME AVAILAE	1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 4. NOT APPLICABLE		1. ABNORMAL ENVIRONMENT 2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE				1. S/F BACKLOG/OPERATIONAL PRIORTY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 10. OTHER OR NOT APPLICABLE				
MAN HRS EXPENDED	MAN	HRS REMAININ		COMPLET	TED ACTION TAK	EN		S/F	MANHOURS	Р	RIORTY	
1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. MAINTEI 4. SAFETY ITEM - MINOR 5. MAINTEI 5. MAINTEI 6. CANCELL 6. SAFETY ITEM - MINOR 6. MAINTEI 6. MAINT				NANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY NANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY NANCE ACTION COMPLETED: NO PARTS REQUIRED LED - DEFERRAL WILL BE REMOVED FROM CSMP NANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED F THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION					1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE			
									5-220-0-E) AUX 1 UP			
									AND FWD OF CO			
						IBOAR	D OF CON	IVERIER	(1STCA). DECK DRA	AIN FWL) OF	
(1STCA) IS PAII	NTED OVE	R PREVEN	TING PROPER	DRAIN	AGE.							
DECOMMENDED	DEDAIDO	DECOMM	END DEDAID A	TIV (IT) (OLEANIAN	D 0 4 0	SEDEE (E)	O TANK O	000 0 F) OUT OUT	4 DDD 0	V 4.0F	
							,		-220-3-F) CUT OUT			
AND PAINT TO		1 .3/5 WILL	J STEEL. PERFUE	KIVI LEAK	LEST ON I	ANK, C	LEAN APPI	RUX 150 S	F OF AREA TO BARE	IVIE I AL,	PRESERVE	
AND PAINT TO	WATCH											
SSPORT C221 P	POC: B. WII	LIAMS (7	57) 396-4001	EXT 21	30, TPOC:	M. ME	ELVIN					
CSMP SUMMARY: TEST#												
TANK TOP IS THINNING, AND HAS HEAVY PAINT FAILURE							MRC 1102/1					
ROOT CAUSE/AMPLIFICATION: H1						STEP# 1,2,3,4 & 5						
SYSTEM LEVEL IN	MPACT:											
PART NO.			NOMEMCLATI	JRE			QTY	NSN			COST	
1				-								
2												
3												
4												
5												
6	- "	DATE	0500:	2.001	· A O.T.		DATE	<u> </u>	LIONE			
FIRST CONTACT BREKKE		RATE HT1	CARL	ND CONTACT			RATE HT2	PHONE				
ASSESSOR / ACT J. LaROCK/ T. I			D SYSTEMS IN	C.	TD		TL	LOGI	STICIAN		TSP	

<u>USS VICKSBURG (CG-69)</u> <u>AUXILIARY MACHINERY ROOM 1 (5-220-0-E)</u> STBD SIDE UPPER LEVEL



TANK TOP / DECK FWD OF WF (228) UNDER SW. STRAINER VALVE SWS-2299 LOW U/T READINGS WERE FOUND IN THIS AREA SEE DRAWING.



TANK TOP / DECK BETWEEN STBD SHELL AND (60 / 400 HZ CONVERTER 1STCB)
HAS HEAVY PAINT BUILD UP WITH POOR BONDING

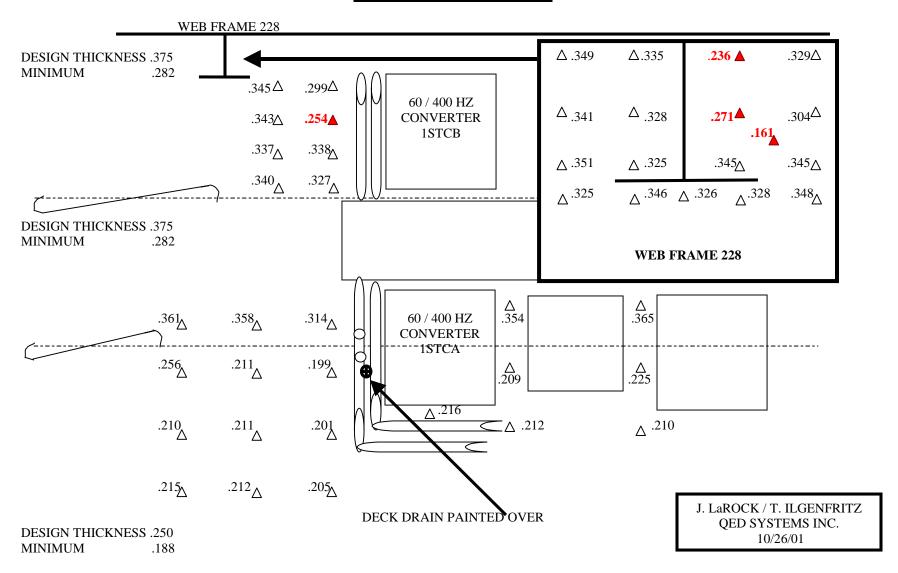
<u>USS VICKSBURG (CG-69)</u> <u>AUXILIARY MACHINERY ROOM 1 (5-220-0-E)</u> STBD SIDE UPPER LEVEL



DECK INBOARD OF (60 / 400 HZ CONVERTER 1STCA) CONCENTRATION OF PIPING PREVENTS SHIPS FORCE FROM PERFORMING PROPER MAINTENANCE



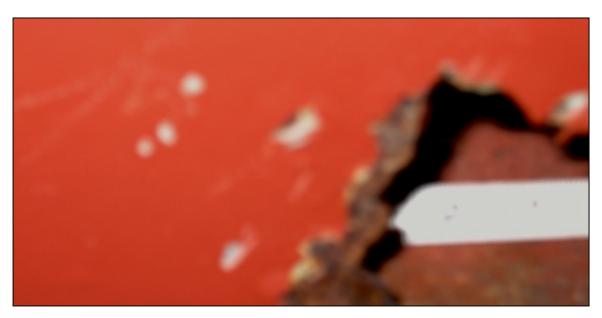
<u>USS VICKSBURG (CG-69)</u> <u>AUXILIARY MACHINERY ROOM 1 (5-220-0-E)</u> STBD SIDE UPPER LEVEL



ITEM NUMBER							SHIP	USS VICKSBURG	(CG-6	9)	
SYSTEM		ESWBS	EI			APL				IN	
SHELL & SUPPORTING STE	RUCTURE 110	11011 IDENT/SERIAL		A100	LOCATI	ON		-SYSTEMS	JS	N/L	
HULL STRUCTURE 1102XY					II.	ом 5-174-0-Е	WORK CENTER ERO1		13	A052	
EQUIPMENT STATUS	PROBI	EM STATUS			II.		CATEGOR	Y		EOC	
1. SAT				1. S - PERSONNEL SAFETY 2. Z - EQUIPMENT SAFETY 3. H - HARDWARE				4. D - DOWN 5. L - LIMITED		.9	
TYPEAVAILABILITY W	HEN TO BE	STATUS		CAUSE				DEFERRAL REASON			
1. DEPOT 1. 2. IMA 2. 3. TECH ASSIST 3. 4. SHIP'S FORCE D 5. SFWL 4.	2. PRIOR TO NEXT UNDERWAY H ASSIST 3.PIROR TO NEXT DEPLOYMENT		1. OPERATIONAL 2. NON-OPERATIONAL 3. REDUCED CAPABILITY 4. NOT APPLICABLE		ABNORMAL ENVIRONMENT MANFACTURER/INSTALLATION DEFECTS LACK OF KNOWLEDGE COMMUNICATION PROBLEMS INADEQUATE INSTRUCTION/PROCEDURE INADEQUATE DESIGN NOT APPLICABLE NOT APPLICABLE			1. S/F BACKLOG/OPERATIONAL PRIORTY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAINING 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR S/F ACCOMPLISHMENT 8. FOR S/F OVERHAUL OR AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 10. OTHER OR NOT APPLICABLE			
MAN HRS EXPENDED 4	MAN HRS REMAIN	1500	COMPLET	ED ACTION TAKE	EN		S/	F MANHOURS	PF	RIORTY	
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAVIER OF EQUIPMENT/SYSTEM 4. CANCELL 5. MAINTEL 5. COMBUSTIBLE MATERIAL 6. NONE O				NANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY NANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY NANCE ACTION COMPLETED: NO PARTS REQUIRED LED - DEFERRAL WILL BE REMOVED FROM CSMP NANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED F THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION					2. 3 .	1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE	
DISCREPANCY DESCR										== 0.4	
4 TH STRINGER UP FR										UP FROM	
MARGIN PLATE IS HO				` '							
APPROX 100 SF HAVE		HEAVY PAINT SE	PARATI	ION. SEE L	JKAWI	NG FUR	U/I REAL	JINGS. UNABLE IC) ASSES	55 ENTIRE	
AREA DUE TO INTER		AEND DEDAID ACT	D/IT)/ OL	IT OUT AND	DEDLA	OF ADDDO	N/ / LE OI	DOTU CTRINCERC (4	0 V 4 T	DEAM	
RECOMMENDED REPA									U X 4 1-	-BEAIVI).	
REMOVE INTERFERENC	ES, CLEAN EN	TIRE AREA TO BAR	E WETAL	L, PRESERVI	E AND I	PAINT TO	MATCH.	APPROX 100 SF			
•											
00D0DT 0004 D00 D											
SSPORT C221 POC: B. WILLIAMS (757) 396-4001 EXT 2130, TPOC: M. MELVIN											
CSMP SUMMARY: 2 ND AND 4 TH STRINGERS ARE HOLED. 100 SF OF PAINT SEPARATION AND RUST. ROOT CAUSE/AMPLIFICATION: STEP#											
H1								1,2,3,4 & 5			
SYSTEM LEVEL IMPACT:											
PART NO. NOMEMCLATURE						QTY	NSN			COST	
1											
2											
3											
4											
5											
6 FIRST CONTACT	RATE	SECONI	D CONT	ACT		RATE		PHONE			
FIRST CONTACT RATE SECOND CONTACT CARL						HT2		TIONE			
ASSESSOR / ACT / TECH ID# J. Larock/ T. Ilgenfritz QED Systems Inc.						TL	LOG	ISTICIAN		TSP	



HOLE IN WEB OF 4TH STRINGER FROM MARGIN PLATE 1 FT FWD OF WEB FRAME (204)



UNDERNEATH VIEW OF HOLE IN STRINGER WEB



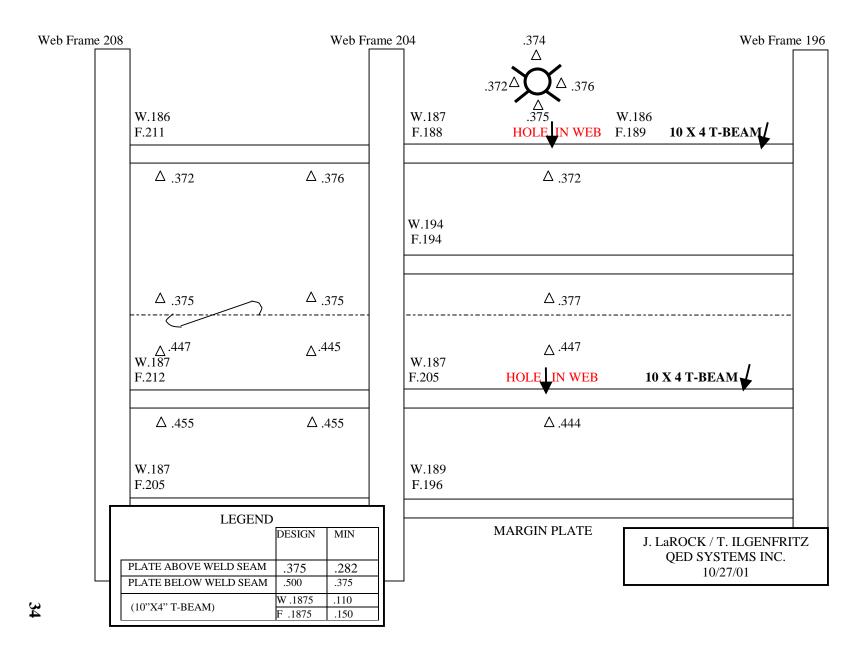
HOLE IN STRINGER WEB $4^{\rm TH}$ STRINGER UP FROM MARGIN PLATE REFER TO DRAWING FOR U/T READINGS OF AREA.



 $4^{\rm TH}$ STRINGER UP FROM MARGIN PLATE AT WEB FRAME (196) NOTE CORROSION. UNABLE TO DO U/T SURVEY DUE TO OBSTRUCTIONS.



HOLE IN $2^{\rm ND}$ STRINGER FROM MARGIN PLATE REFER TO DRAWING FOR U/T READINGS OF AREA.



USS VICKSBURG (CG-69 SYSTEM ESWBS EIC APL RIN	,							
5151211								
SHELL & SUPPORTING STRUCTURE 110 11011 A100 X-SYSTEMS	N/L							
EQUIPMENT NAME IDENT/SERIAL LOCATION WORK CENTER JSN HULL STRUCTURE 1102XY N/A 5-174-0-E ERO1	A053							
EQUIPMENT STATUS PROBLEM STATUS CATEGORY	EOC							
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD 4. SATISFACTORY 3. T - AWAITING TECH ASSIST* 4. S- SHIP'S FORCE 5. NOB - EQUIPMENT NOT ONBOARD	.9							
TYPEAVAILABILITY WHEN TO BE STATUS CAUSE DEFERRAL REASON	DEFERRAL REASON							
1. DEPOT 1. IMMEDIATELY 2. IMA 2. PRIOR TO NEXT UNDERWAY 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 4. SHIP'S FORCE 1. IMMEDIATELY 4. NOT APPLICABLE 4. NOT APPLICABLE 5. SFWL 4. OPERATIONAL 5. IABNORMAL ENVIRONMENT 2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 7. NOT AUTHORIZED FOR S/F ACCOMPLISH 8. FOR S/F OVERHAUL OR AVAILABILITY WCLIST 9. LACK OF TECHNICAL DOCUMENTATION 10. OTHER OR NOT APPLICABLE	ING MENT							
MAN HRS EXPENDED MAN HRS REMAINING COMPLETED ACTION TAKEN S/F MANHOURS PRI	ORTY							
4 800								
1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAVIER OF EQUIPMENT/SYSTEM 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP	1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE							
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: STBD SIDE (5-174-0-E) MER 1								
THIRD STRINGER UP FROM MARGIN PLATE IS HOLED APPROX 1 FT FWD OF BHD (220). HEAVY PAINT SEPARATION I	N BILGE							
AREA AND SHELL PLATE APPROX 100 SF. MINOR THINNING OF MARGIN PLATE AND SHELL IS NOTED ON DRAWING. TOP O	F FEED							
WATER TANK (5-216-1-W) HAS MODERATE TO HEAVY SURFACE RUST APPROX 40 SF.								
RECOMMENDED REPAIRS: RECOMMEND REPAIR ACTIVITY, CUT OUT AND REPLACE APPROX 2 LF OF (10 X 4 T-BEAM) CLEAN ENT	IRE							
AREA TO BARE METAL INCLUDING TOP OF FEED WATER TANK APPROX 140 SF. PRESERVE AND PAINT TO MATCH								
SSPORT C221 POC: B. WILLIAMS (757) 396-4001 EXT 2130, TPOC: M. MELVIN								
CSMP SUMMARY: TEST# THIRD STRINGER IS HOLED, SHELL, MARGIN AND TANK TOP NEED PRESERVATION MRC 1102/1	2/1							
ROOT CAUSE/AMPLIFICATION: H1 STEP# 1,2,3,4 & 5								
SYSTEM LEVEL IMPACT:								
PART NO. NOMEMCLATURE QTY NSN	COST							
3								
4								
5								
FIRST CONTACT RATE SECOND CONTACT RATE PHONE BREKKE HT1 CARL HT2								
	TSP							

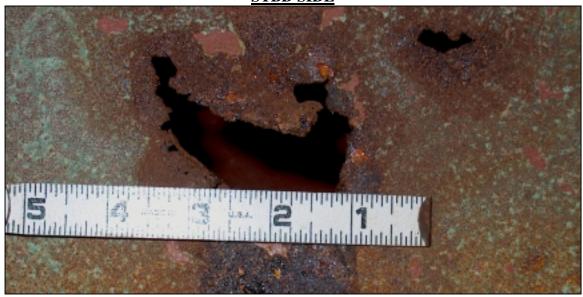


STBD SIDE, APPROXIMATELY 8 FT FWD OF BHD (220), CONCENTRATION OF PIPING PREVENTS SHIPS FORCE FROM CONDUCTING ADEQUATE PRESERVATION OF AREA.



BILGE POCKET FWD OF BHD (220) HEAVY PAINT SCALING WAS DISCOVERED. MINOR THINNING WAS NOTED. SEE DRAWING

USS VICKSBURG (CG-69) MAIN ENGINE ROOM 1 (5-174-0-E) STBD SIDE



3rd STRINGER UP FROM MARGIN PLATE APPROXIMATELY 1 FT FWD OF BHD (220), SEE DRAWING FOR U/T READINGS OF SURROUNDING AREA



USS VICKSBURG (CG-69) MAIN ENGINE ROOM 1 (5-174-0-E) STBD SIDE



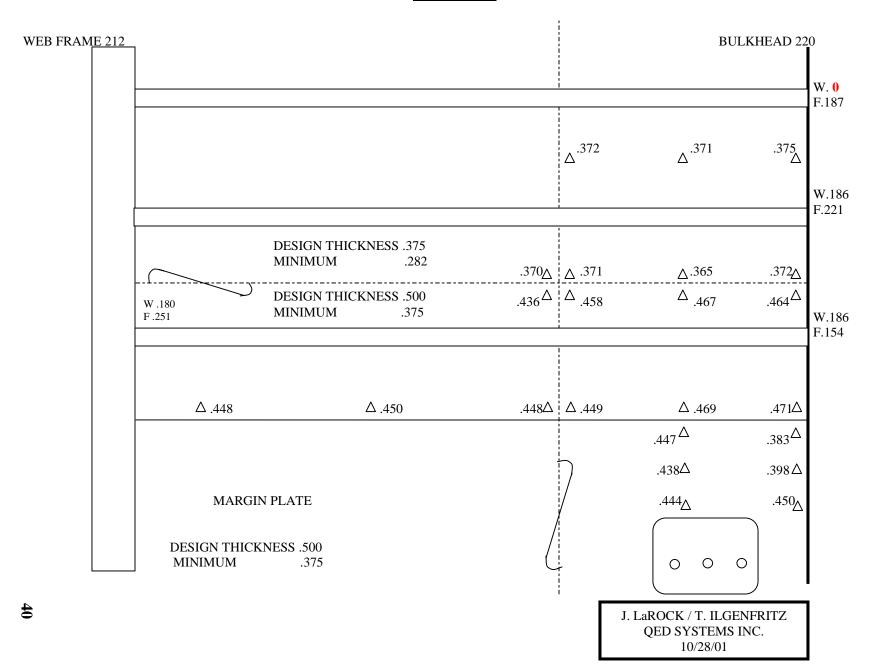
STBD SIDE, FWD OF BHD (220). ENTIRE AREA IS CONSIDERED A "HOT-SPOT" ON CG-47 CLASS SHIPS

USS VICKSBURG (CG-69) MAIN ENGINE ROOM 1 (5-174-0-E) STRD SIDE



TOP OF FEED WATER TANK (5-216-1-W) PRESERVATION OF THIS AREA IS HIGHLY RECOMMENDED.

USS VICKSBURG (CG-69) MAIN ENGINE ROOM 1 (5-174-0-E) STBD SIDE



MATERIAL ASSESSMENT FORM

ITEM NUMBER						Γ	SHIP			
CVCTFM		ESWBS	EIG	0		APL		USS VICKSBURG	(CG-6	
SHELL & SUPPORT	ING STRUCTURE 110	11011	EI	A100		APL	X-9	SYSTEMS	Ki	N/L
EQUIPMENT NAME HULL STRUCTURE	1102VV	IDENT/SERIAL	NI/A		LOCA		WOI	RK CENTER	JS	
EQUIPMENT STATUS		M STATUS	N/A	1		5-138-0-E	CATEGORY	ERO1		A050 EOC
1. SAT - SATISFACTOR		. C - CORRECTED		1. S - PERSON	INIEL SAEET	·v		4. D - DOWN		
2. UNSAT - UNSATISFACTOR 3. TNA - TEST NOT ATT	TORY 2	. C - CORRECTED !. A - AWAITING PARTS B. T - AWAITING TECH A:	CCLCT+	2. Z - EQUIPN 3. H – HARD	MENT SAFET			5. L - LIMITED		.9
4. TNC - TEST NOT CON 5. NOB - EQUIPMENT NO	MPLETED 4	S - SHIP'S FORCE UNCORRECTED PROBLEMS		3. H – HARD	WARE					. 7
TYPEAVAILABILITY	WHEN TO BE	STATUS	<u> </u>	CAUSE				DEFERRAL REASON		
1. DEPOT	ACCOMPLISHED 1. IMMEDIATELY	1. OPERATIONAL		1. ABNORMAL	ENVIRON	MENT		S/F BACKLOG/OPERATIONA	AL PRIORTY	
2. IMA	2. PRIOR TO NEXT	2. NON-OPERATIONA	L	MANFACTU ALACK OF KI		LLATION DEFECTS		 LACK OF MATERIAL NO FORMAL TRAINING ON 	THIS EQUIPM	MENT
3. TECH ASSIST	UNDERWAY	3. REDUCED CAPABIL	JTY	COMMUNIC INADEQUA		OBLEMS CTION/PROCEDURI	E	 FORMAL TRAINING INADEC EQUIPMENT 	QUATE IN TH	IS
3.PIROR TO NEXT 4. SHIP'S FORCE DEPLOYMENT 4. NOT APPLICABLE 7. NORMAL WE								INADEQUATE SCHOOL PRALACK OF FACILITIES/CA		
5. SFWL	4. DURING POST			8. NOT APPLI				7. NOT AUTHORIZED FOR S/F 8. FOR S/F OVERHAUL OR AV	ACCOMPLISI	HMENT
	DEPLOYMENT AVAILABILITY							LIST 9. LACK OF TECHNICAL DOCU		
								10. OTHER OR NOT APPLICAB		
			1							
MAN HRS EXPENDED 2	MAN HRS REMAININ 8	ig 00	COMPLETI	ED ACTION TAI	KEN		S/F	MANHOURS	PR	RIORTY
SAFETY HAZARD:	AC COON AC DOCCUDUE					: PARTS DRAWN F		POM CURRLY		MANDATORY
	ON OF EQUIPMENT/SYSTEM/SP.	ACE REQUIRED	MAINTER	NANCE ACTION (COMPLETED	: REQUIRED PART: : NO PARTS REQU	IRED	-ROM SUPPLY	3.	ESSENTIAL HIGHLY
3. SERIOUS - WAVIER C 4. SAFETY ITEM - MINO	R		MAINTER	NANCE ACTION (COMPLETED	EMOVED FROM CSN : 3-M CAPABILITY	UTILIZED			DESTRABLE DESTRABLE
5. COMBUSTIBLE MATER	DESCRIPTION: PER	SEMAT II IINDI				REMARKS/DESCRI			I	
	EA IS CORRODED, S) SE OE	
	ND PAINT SEPARATIC		70 1711	17 (0 130	11//	KE HOLLD	(2 // + 1	DEMINI MIT NOX 20	3 31 01	
RECOMMENDE	D REPAIRS: RECOMM	IEND REPAIR A	CTIVITY.	CLEAN A	ND GA	S FREE TA	NK. CUT	OUT AND REPLACE	APPRO	X 8 LF OF
	I) LEAK TEST TANK,						-			
	7 ==: : == :									· ·
-										
SSPORT C221 F	POC: B. WILLIAMS (7	757) 396-4001	FXT 213	30. TPOC	: M. M	FIVIN				
	(
CSMP SUMMAR	RY:							TEST#		
PITSWORD AR	EA STIFFNERS ARE (CORRODED.						MRC 1102/1		
ROOT CAUSE/AM	IPLIFICATION:							STEP#		
H1								1,2,3,4 & 5		
SYSTEM LEVEL IN	MPACT:									
PART NO.		NOMEMCLATI	IIDE			QTY	NSN			COST
1		NOWLINIOLAT	ONL			211	IVJIV			3031
2										
3										
4										
5										
6										
FIRST CONTACT	T RATE HT1	SECONI CARL	D CONT	ACT		RATE HT2	PI	HONE		
ASSESSOR / ACT		07.11.12		TE)	TL	LOGI	STICIAN		TSP
J. LaROCK/ T. I		D SYSTEMS IN	C.		-		2001			

USS VICKSBURG (CG-69) SEWAGE PLANT NO.1 (5-138-0-E)



PITSWORD AREA, ARROWS INDICATE HOLES IN STIFFNERS INBOARD SIDE OF F/O TANK (6-138-1-F)

MATERIAL ASSESSMENT FORM

ITEM NUMBER								SHIP	USS VICKSBURG	(CG-6	.9)
SYSTEM			ESWBS	EI	IC		APL				IN
SHELL & SUPPORTING	NG STRUCTURE	110	11011 IDENT/SERIAL		A10	LOCAT	TON		SYSTEMS RK CENTER	16	N/L SN
HULL STRUCTURE 11	102XY		IDENI/SERIAL	N/A		LOCAT	4-58-0-Q	WO	ERO1	J	SIN
EQUIPMENT STATUS		PROBLEM	STATUS					CATEGORY		J.	EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTO 3. TNA - TEST NOT ATTEN 4. TNC - TEST NOT COMP 5. NOB - EQUIPMENT NOT	MPTED LETED	2. <i>1</i> 3. 4.5	C - CORRECTED A - AWAITING PARTS T - AWAITING TECH ASSI S - SHIP'S FORCE NCORRECTED PROBLEMS			ONNEL SAFET PMENT SAFET DWARE			4. D - DOWN 5. L - LIMITED		.9
TYPEAVAILABILITY	WHEN TO BE		STATUS		CAUSE				DEFERRAL REASON		
TYPEAVAILABILITY WHEN TO BE ACCOMPLISHED 1. DEPOT 1. IMMEDIATELY 2. IMA 2. PRIOR TO NEXT UNDERWAY 3. TECH ASSIST 3. PIROR TO NEXT DEPLOYMENT 4. SHIP'S FORCE 4. DURING POST DEPLOYMENT AVAILABILITY STATUS 1. OPERATION 2. NON-OPERATION 3. REDUCED CAPAB 4. NOT APPLICABLE					1. ABNORMAL ENVIRONMENT 2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE			S/F BACKLOG/OPERATIONAL PRIORTY LACK OF MATERIAL NO FORMAL TRAINING ON THIS EQUIPMENT FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT INADEQUATE SCHOOL PRACTICAL TRAINING LACK OF FACILITIES/CAPABILITIES NOT AUTHORIZED FOR S/F ACCOMPLISHMENT FOR S/F OVERHAUL OR AVAILABILITY WORK LIST LACK OF TECHNICAL DOCUMENTATION OTHER OR NOT APPLICABLE		MENT IIS INING SHMENT WORK	
MAN HRS EXPENDED 2	MAN HRS	REMAINING 20		COMPLET	TED ACTION TA	KEN		S/F	MANHOURS	PI	RIORTY
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAVIER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERIAL 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTIO								TS NOT DRAWN UIRED SMP Y UTILIZED RIPTION SECTION	ı	2. 3. 4.	MANDATORY ESSENTIAL HIGHLY DESIRABLE DESIRABLE
									TBD SIDES (4-58-0-Q		
BHD (58 - 78) FI	ROM DECK T	O 2 ND S	TRINGER APPI	ROX 16	0 SF OF :	SATURA	TED LAG	GING, MII	NOR CORROSION A	ND PA	<u>INT</u>
SEPARATION.											
RECOMMENDED RECOMMEND SH AND PAINT, REPL	HIPS FORCE I	REMOVE	E APPROX 160	SF OF	2" HULL	BOARD	. CLEAN	AREAS EX	POSED BY REMOV	AL PRE	SERVE
SSPORT C221 PO	OC: B. WILLI	AMS (7	57) 396-4001	EXT 21	86, TPO	C: M. MI	ELVIN				
CSMP SUMMARY	/ :								TEST#		
SATURATED LAG		CORRO	OSION						MRC 1102/1		
ROOT CAUSE/AMP H1	LIFICATION:								STEP# 1,2,3,4 & 5		
SYSTEM LEVEL IM	PACT:								1,2,0,1 & 0		
PART NO.			NOMEMCLATI	JRE			QTY	NSN			COST
1											
2											
3											
4											
5											
6 FIRST CONTACT	RA	TF	SECONI	CONT	ACT		RATE	DI	HONE		
BREKKE	HT		CARL				HT2		IONL		
ASSESSOR / ACT / J. LaROCK/ T. IL		ED SYS	TEMS INC.		Т	D	TL	LOGIS	STICIAN		TSP

<u>USS VICKSBURG (CG-69)</u> <u>DOME EQUIPMENT ROOM (4-58-0-Q)</u>



STBD SIDE, APPROXIMATELY 8 FT AFT OF BHD 58, SATURATED LAGGING FROM DECK TO $2^{\rm ND}$ STRINGER.



FIRST STRINGER OFF DECK STBD SIDE, APPROX 8 FT AFT OF BHD 58

MATERIAL ASSESSMENT FORM

ITEM NUMBER								SHIP	USS VICKSBURG	G (CG-6	59)
SYSTEM SUPPORTU	NC CTDUCTUE	DF 110	ESWBS 11011	EI		`	APL	·			!IN
SHELL & SUPPORTII EQUIPMENT NAME	NG STRUCTUR	RE 110	11011 IDENT/SERIAL		A100	LOCAT	ION	1	X-SYSTEMS WORK CENTER	J:	N/L sn
HULL STRUCTURE 11	102XY			N/A	-1-	3-42	6-1-E		ERO1		A033
EQUIPMENT STATUS		PROBLEM	M STATUS					CATEC	GORY		EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTO 3. TNA - TEST NOT ATTE! 4. TNC - TEST NOT COMP 5. NOB - EQUIPMENT NOT	MPTED PLETED	2 3 4	. C - CORRECTED . A - AWAITING PARTS . T - AWAITING TECH AS .S - SHIP'S FORCE UNCORRECTED PROBLEMS		1. S - PERSO 2. Z - EQUIP 3. H – HARI				4. D - DOWN 5. L - LIMITED		.9
TYPEAVAILABILITY	WHEN TO B	E	STATUS		CAUSE				DEFERRAL REASON		"
TYPEAVAILABILITY WHEN TO BE ACCOMPLISHED 1. DEPOT 1. IMMEDIATELY 1. OPERATIONAL 2. IMA 2. PRIOR TO NEXT UNDERWAY 3. TECH ASSIST 4. SHIP'S FORCE 3. PIROR TO NEXT DEPLOYMENT 4. NOT APPLICABLE 5. SFWL 4. DURING POST DEPLOYMENT AVAILABILITY					2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEGGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 9. NOT APPLICABLE 1. STANDER OF THE OFFICE OFFI OFFI OFFI OFFI OFFI OFFI OFFI OFF			3. NO FORMAL TRAINING ON 4. FORMAL TRAINING INADE EQUIPMENT 5. INADEQUATE SCHOOL PR 6. LACK OF FACILITIES/C 7. NOT AUTHORIZED FOR S/ 8. FOR S/F OVERHAUL OR A'	NG ON THIS EQUIPMENT INADEQUATE IN THIS OL PRACTICAL TRAINING IES/CAPABILITIES OR S/F ACCOMPLISHMENT OR AVAILABILITY WORK L DOCUMENTATION		
MAN HRS EXPENDED	MAN H	RS REMAININ	IIG DO	COMPLET	TED ACTION TA	KEN			S/F MANHOURS	P	RIORTY
SAFETY HAZARD: 1. SERIOUS - CORRECT A: 2. SERIOUS - SUSPENSIO 3. SERIOUS - WAVIER OF 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERI	N OF EQUIPMENT EQUIPMENT/SYS	BLE //SYSTEM/SPA STEM	ACE REQUIRED	2. MAINTE 3. MAINTE 4. CANCEL 5. MAINTE 6. NONE C	ENANCE ACTION LLED - DEFERRAL ENANCE ACTION DF THE ABOVE, D	COMPLETED: COMPLETED: . WILL BE RE COMPLETED: PESCRIBE IN	REQUIRED PAR NO PARTS REC MOVED FROM C 3-M CAPABILIT REMARKS/DESC	RTS NOT DRA QUIRED SMP TY UTILIZED RIPTION SE	AWN FROM SUPPLY	2 3 4	. MANDATORY . ESSENTIAL . HIGHLY DESIRABLE . DESIRABLE
									TOR RM 3 (3-426-1-E) E		
									PROX.3 FEET FWD O	F WEB	FRAME
(434) ENTIRE BIL	LGE POCKE	1 HAS SI	JRFACE RUST F	AND PAI	INI SEPAI	KATION	. APPROX	(IIVIA I E	LY 200 SF.		
					0. IT 0. IT		· · · · · · · · ·	0=5111	0=0 =1 ANOE AND DE		
									GER FLANGE AND RE	PLACE \	WIIH
4X.250 MILD STEE	EL FLAT BAR	.CLEAN PI	RIME AND PAINT	ENTIRE	BILGE PO	CKET. A	PPROXIMA	AIELY 2	00 SF		
•											
000000000000000000000000000000000000000			>	=\/=							
SSPORT C221 P	OC: B. WIL	LIAMS (7	/5/) 396-4001	EXT 21	30, TPOC	: M. ME	LVIN				
CSMP SUMMARY FIRST STRINGER ROOT CAUSE/AMP H1	IS CORRODE		E BILGE POCKET	HAS SU	JRFACE RU	ST AND	PAINT SE	P.	TEST# MRC 1102/1 STEP# 1,2,3,4 & 5		
SYSTEM LEVEL IM	PACT:										
PART NO.			NOMEMCLATU	JRE			QTY	NSI	V		COST
1											
2											
3											
4											
5											
6											
FIRST CONTACT BREKKE		RATE IT1	SECONI CARL	CONT	ACT		RATE	I	PHONE		<u>L</u>
ASSESSOR / ACT /		11.1	CARL		Т	D	HT2 TL	10	 		TSP
J. LaROCK/ T. IL		QE	D SYSTEMS IN	С.							. = .

USS VICKSBURG (CG-69) GENERATOR ROOM NO. 3 (3-426-1-E)



CORRODED STRINGER FLANGE APPROXIMATELY 3 FT FWD OF WEB FRAME (434)



TYPICAL VIEW OF BILGE POCKET, ENTIRE AREA RECOMMENDED FOR PRESERVATION AND PAINT.

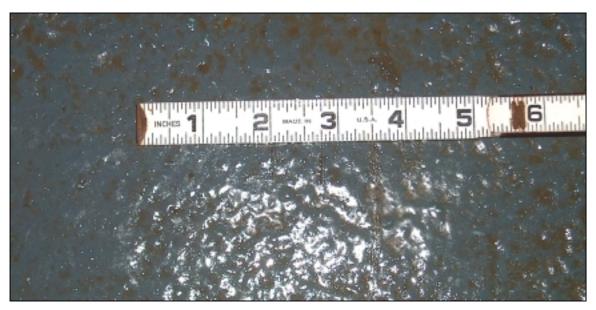
MATERIAL ASSESSMENT FORM

ITEM NUMBER								SHIP	USS VICKSBURG	(CG-6	59)
SYSTEM	I		ESWBS	Е	IC		APL	<u> </u>	OUD VIOROBORE		!IN
SHELL & SUPPORTI	ING STRUCTURE	110	11011		A10				C-SYSTEMS		N/L
EQUIPMENT NAME HULL STRUCTURE 1	102XY		IDENT/SERIAL	N/A		LOCAT	110N 18-0-E	V	ORK CENTER ERO1	J:	sn A031
EQUIPMENT STATUS		PROBLEM	1 STATUS	14//(3 3 7	002	CATEGO			EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACT 3. TNA - TEST NOT ATTE 4. TNC - TEST NOT COM 5. NOB - EQUIPMENT NO	<mark>FORY</mark> EMPTED PLETED	2. 3 4.	C - CORRECTED A - AWAITING PARTS T - AWAITING TECH AS S - SHIP'S FORCE UNCORRECTED PROBLEMS		2. Z - EQU	Sonnel Safet IIPMENT SAFET IRDWARE			4. D - DOWN 5. L - LIMITED		.9
TYPEAVAILABILITY	WHEN TO BE	•	STATUS		CAUSE				DEFERRAL REASON		
ACCOMPLISHED 1. OPERATIONAL			OPERATIONAL NON-OPERATIONAL REDUCED CAPABIL NOT APPLICABLE		1. ABNORMAL ENVIRONMENT 2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7.NORMAL WEAR AND TEAR 8. NOT APPLICABLE			S/F BACKLOG/OPERATIONAL PRIORTY LACK OF MATERIAL NO FORMAL TRAINING ON THIS EQUIPMENT FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT INADEQUATE SCHOOL PRACTICAL TRAINING LACK OF FACILITIES/CAPABILITIES NOT AUTHORIZED FOR S/F ACCOMPLISHMENT FOR S/F OVERHAUL OR AVAILABILITY WORK LIST LACK OF TECHNICAL DOCUMENTATION OTHER OR NOT APPLICABLE		HIS JINING ES SHMENT WORK	
MAN HRS EXPENDED 2	MAN HRS	REMAININ		COMPLE	TED ACTION	TAKEN		S	II /F MANHOURS	Р	RIORTY
SAFETY HAZARD: 1. SERIOUS - CORRECT A 2. SERIOUS - SUSPENSIG 3. SERIOUS - WAVIER OF 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATER	ON OF EQUIPMENT/S FEQUIPMENT/SYSTI R HAL	LE SYSTEM/SP/ EM		2. MAINT 3. MAINT 4. CANCE 5. MAINT 6. NONE	ENANCE ACTIO ENANCE ACTIO ILLED - DEFERR ENANCE ACTIO OF THE ABOVE	ON COMPLETED ON COMPLETED PAL WILL BE RE ON COMPLETED ON DESCRIBE IN	EMOVED FROM (EMOVED FROM (EMARKS/DES)	RTS NOT DRAV QUIRED CSMP TY UTILIZED CRIPTION SECT	IN FROM SUPPLY	2 3 4	. MANDATORY . ESSENTIAL . HIGHLY DESIRABLE . DESIRABLE
									(3-398-0-E) TANK TOP		
									4 HAS HEAVY PITTI	ING AN	D
U/T READINGS E	BELOW THE 2	5% WAS	STAGE ALLOWA	NCE. A	APPROX.2	200 SF. S	EE ATTA	CHED DR	AWING.		
RECOMMENDED	REPAIRS:R	ECOMM	END REPAIR A	CTIVIT	Y CLEAN	AND GA	S FREE T	ANK ,CU	ΓOUT AND REPLACE	APPR(OXX.
200 SF OF TANK	TOP. USE .313	MILD S	TEEL,PRIME AND	PAINT	TO MATO	H					
SSPORT C221 P	POC: B. WILL	IAMS (7	757) 396-4001	EXT 21	30, TPC	C: M. M	ELVIN				
CSMP SUMMAR TANK TOP/DI		IEAVY	PITTING ANI	D LOV	V U/T R	EADIN	GS		TEST# MRC 1102/1		
ROOT CAUSE/AMI H1	PLIFICATION:								STEP# 1,2,3,4 & 5		
SYSTEM LEVEL IN	ЛРАСТ :								1,2,0,7 X J		
PART NO.			NOMEMCLATU	JRE			QTY	NSN			COST
1											
2											
3											
4											
5											
6											
FIRST CONTACT BREKKE	Γ RA	ATE	SECONI CARL	CONT	ГАСТ		RATE		PHONE		<u> </u>
ASSESSOR / ACT		1	CARL			TD	HT2 TL	LOC	GISTICIAN		TSP
J. LaROCK/ T. I		QE	D SYSTEMS IN	С.					-		

USS VICKSBURG (CG-69) AC/JP5 PUMP ROOM (3-398-0-E)



HEAVY PITTING OF TANK TOP/ DECK AFT OF EXPANSION TANK NO. 3 SEE DRAWING FOR U/T READINGS



HEAVY PITTING OF TANK TOP / DECK INBOARD OF A/C PLANT RECEIVER R-114

USS VICKSBURG (CG-69) AC/JP5 PUMP ROOM (3-398-0-E)

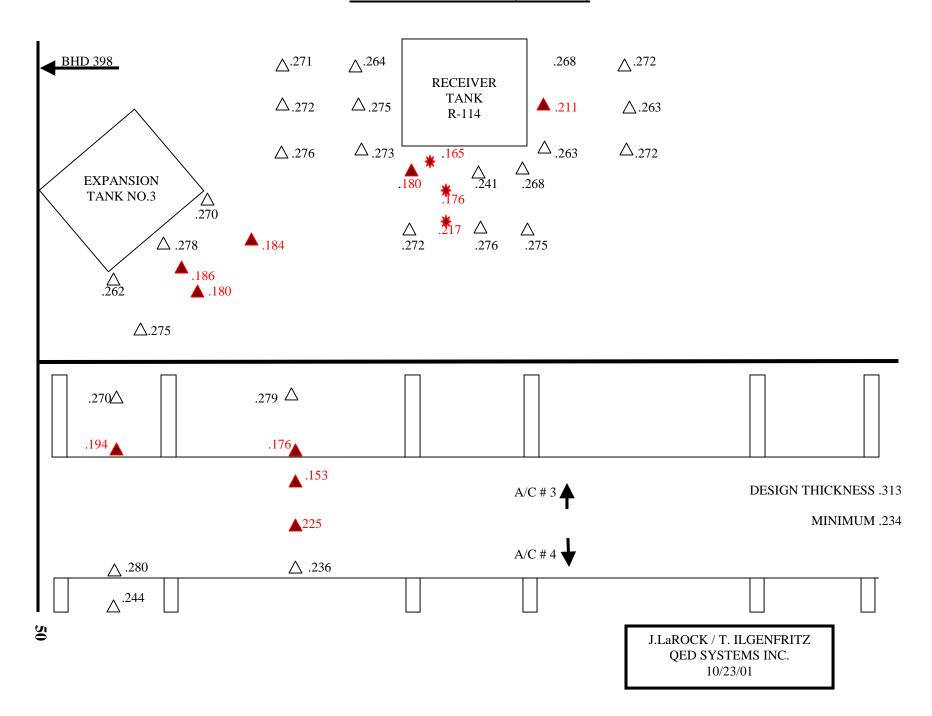


TANK TOP / DECK BETWEEN A/C PLANTS 3 & 4 HAS HEAVY PITTING SEE DRAWING FOR U/T READINGS



TANK TOP / DECK BETWEEN BHD 398 AND A/C PLANT NO. 4

USS VICKSBURG (CG-69) AC/JP5 PUMP ROOM (3-398-0-E)



SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOT	COMMENTS
2½ -10-0-A	N	N	N	N	SPACE NOT ASSESSABLE GAS FREE REQUIRED
2½ -20-0-A	N	N	N	N	SPACE NOT ASSESSABLE GAS FREE REQUIRED
3-28-0-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-58-1-M	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-58-2-M	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-62-0-M	Y	Y	Y	N	SPACE 100% ASSESSSABLE
3-81-1-M	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-81-2-M	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-94-0-M	N	N	N	N	GAS FREE REQUIRED
3-127-0-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
3-127-2-T	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-138-3-L	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-138-6-L	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-146-0-L	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-245-2-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-260-0-A	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-260-2-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-346-0-L	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-382-1-A	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-382-2-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
3-393-4-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-426-1-E	Y	Y	Y	STBD SHELL AND BILGE AREA	SPACE 100% ASSESSABLE
3-426-2-A	Y	Y	Y	N	SPACE 100% ASSESSABLE
3-442-2-A	Y	Y	Y	N	SPACE 100% ASSESSABLE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
4-28-0-T	Y	N	Y	N	SPACE 100% ASSESSABLE
4-34-0-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE
4-58-0-Q	Y	Y	Y	N	SPACE 100% ASSESSABLE
4-78-1-A	Y	Y	Y	N	SPACE 100% ASSESSABLE
4-78-2-A	Y	Y	Y	N	SPACE 100% ASSESSABLE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
5-E-0-V	N	N	N	N	SPACE ASSESSED DURING T/V INSP. GAS FREE REQUIRED
5-34-0-Q	Y	Y	Y	ENTIRE BILGE AREA	SPACE 100% ASSESSABLE
5-128-0-V	Y	N	Y	N	SPACE ASSESSED DURING T/V INSP. GAS FREE REQUIRED
5-138-0-E	Y	Y	Y	FOUNDATIONS IN BILGE AREA, PITSWORD FR (144) PORT SIDE	SPACE 100% ASSESSABLE
5-162-1-F	N	N	N	N	SPACE ASSESSED DURING T/V INSP. GAS FREE REQUIRED
5-162-2-F	N	N	N	N	SPACE ASSESSED DURING T/V INSP. GAS FREE REQUIRED
5-174-0-E	Y	Y	Y	TANK TOP IN WAY OF ACOUSTIC TILES. LL STBD SIDE STIFFNERS FROM TANK TOP UP TO BOTTOM SIDE OF U/L GRATING.	SPACE 100% ASSESSABLE
5-174-0-E	Y	Y	Y	EQUIPMENT FOUNDATIONS IN BILGE AREA. JOINT BETWEEN TANK TOP AND SHELL. LOWER PORTION OF ESCAPE TRUNK BHDS	SPACE 100% ASSESSABLE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
5-174-1-T	Y	Y	Y	N	SPACE 100% ASSESSABLE
5-220-0-E	Y	Y	Y	L/L TANK TOP. U/L UNDER A/C UNITS. EQUIPMENT FOUNDATIONS IN BILGE AREA. LOWER PORTION OF ESCAPE TRUNK BHDS	SPACE 100% ASSESSABLE
5-260-0-E	Y	Y	Y	LOWER PORTION OF ESCAPE TRUNK BHDS. FOUNDATIONS IN BILGE AREA. ENTIRE TANK TOP IN BILGE AREA. JOINT BETWEEN TANK TOP AND SHELL	SPACE 100% ASSESSABLE
5-300-0-E	Y	Y	Y	L/L PORT SIDE STIFFNERS FROM THE TANK TOP UP TO THE BOTTOM SIDE OF THE U/L GRATING. TANK TOP IN WAY OF ACOUSTIC TILES. EQUIPMENT FOUNDATIONS IN BILGE AREA. JOINT BETWEEN TANK TOP AND SHELL. LOWER PORTION OF ESCAPE TRUNK BHDS	SPACE 100% ASSESSABLE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
6½ -2-0-Q	N	N	N	N	UNASSESSABLE
6-8-0-T	N	N	N	N	UNASSESSABLE
6½-11-0-V	N	N	N	N	GAS FREE REQUIRED
6-28-0-T	N	N	N	N	GAS FREE REQUIRED
6-34-0-V	N	N	N	N	GAS FREE REQUIRED
6-138-1-F	N	N	N	N	GAS FREE REQUIRED
6-138-2-F	N	N	N	N	GAS FREE REQUIRED
6-174-1-F	N	N	N	N	GAS FREE REQUIRED
6-174-2-F	N	N	N	N	GAS FREE REQUIRED
6-201-2-V	N	N	N	N	GAS FREE REQUIRED
6-202-2-V	N	N	N	N	GAS FREE REQUIRED

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
6-204-2-V	N	N	N	N	GAS FREE REQUIRED
6-214-1-W	N	N	N	N	GAS FREE REQUIRED
6-216-2-V	N	N	N	N	GAS FREE REQUIRED
6-218-1-W	N	N	N	N	GAS FREE REQUIRED
6-220-1-F	N	N	N	N	GAS FREE REQUIRED
6-220-2-W	N	N	N	N	GAS FREE REQUIRED
6-220-3-F	N	N	N	N	GAS FREE REQUIRED
6-220-4-F	N	N	N	N	GAS FREE REQUIRED
6-260-1-F	N	N	N	N	GAS FREE REQUIRED
6-260-2-F	N	N	N	N	GAS FREE REQUIRED

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
6-272-1-F	N	N	N	N	GAS FREE REQUIRED
6-272-2-F	N	N	N	N	GAS FREE REQUIRED
6-298-2-W	N	N	N	N	GAS FREE REQUIRED
6-300-1-F	N	N	N	N	GAS FREE REQUIRED
6-300-2-F	N	N	N	N	GAS FREE REQUIRED
6-300-3-V	N	N	N	N	GAS FREE REQUIRED
6-306-1-V	N	N	N	N	GAS FREE REQUIRED
6-342-2-W	N	N	N	N	GAS FREE REQUIRED
6-344-2-W	N	N	N	N	GAS FREE REQUIRED
6-346-0-Q	Y	Y	Y	PAINT FAILURE,CORROSION OUTBOARD OF SHAFTS	SPACE 100% ASSESSABLE

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
6-346-1-F	N	N	N	N	GAS FREE REQUIRED
6-346-2-F	N	N	N	N	GAS FREE REQUIRED
6-346-3-F	N	N	N	N	GAS FREE REQUIRED
6-346-4-F	N	N	N	N	GAS FREE REQUIRED
6-366-1-W	N	N	N	N	GAS FREE REQUIRED
6-366-2-W	N	N	N	N	GAS FREE REQUIRED
6-379-2-V	N	N	N	N	GAS FREE REQUIRED
6-382-1-F	N	N	N	N	GAS FREE REQUIRED
6-382-2-F	N	N	N	N	GAS FREE REQUIRED
6-382-3-F	N	N	N	N	GAS FREE REQUIRED

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
6-382-4-F	N	N	N	N	GAS FREE REQUIRED
6-394-1-J	N	N	N	N	GAS FREE REQUIRED
6-394-2-J	N	N	N	N	GAS FREE REQUIRED
6-414-1-J	N	N	N	N	GAS FREE REQUIRED
6-414-2-J	N	N	N	N	GAS FREE REQUIRED
6-418-2-J	N	N	N	N	GAS FREE REQUIRED
6-426-1-F	N	N	N	N	GAS FREE REQUIRED
6-426-2-F	N	N	N	N	GAS FREE REQUIRED
6-464-1-F	N	N	N	N	GAS FREE REQUIRED
6-464-2-F	N	N	N	N	GAS FREE REQUIRED

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
6-464-3-Q	Y	Y	Y	SHELL AND STIFFENERS AROUND H-PAC OVBD DISCHARGE	AREA 100% ASSESSABLE
6-464-4-K	N	N	N	N	GAS FREE REQUIRED
6-470-1-F	N	N	N	N	GAS FREE REQUIRED
6-470-2-F	N	N	N	N	GAS FREE REQUIRED
6-476-1-A	Y	Y	Y	N	100% ASSESSABLE
6-476-2-A	Y	Y	Y	N	100% ASSESSABLE
6-476-4-A	Y	Y	Y	N	100% ASSESSABLE
6-485-2-A	Y	Y	Y	N	100% ASSESSABLE
6-488-1-V	N	N	N	N	GAS FREE REQUIRED
6-488-2-V	N	N	N	N	GAS FREE REQUIRED

SPACE NUMBER	SPACE ASSESSABLE	LAGGING ON BHD / SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
6-488-3-A	Y	Y	Y	N	100% ASSESSABLE
6-506-0-E	Y	Y	Y	N	AREA 100% ASSESSABLE